

## ECS/EMD Configuration Change Request

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Page(s)

1. Originator Kathleen L. Carr	2. Log Date: 4/30/04	3. CCR #: 04-0236	4. Rev: —	5. Tel: 301-925-0642	6. Rm #: 3021	7. Org. Dev
8. CCR Title: Publish Engineering Technical Directive "Creating and Using Compression Algorithms for Data Pool Insert"						
9. Originator Signature/Date Kathleen L.Carr /s/ 4/30/04			10. Class II	11. Type: CCR	12. Need Date: May 7, 2004	
13. CCR Sponsor Signature/Date Peter T. Gilruth /s/ 4/30/04			14. Category of Change: PRO		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): new ETD "Creating and Using Compression Algorithms for Data Pool Insert"			17. Schedule Impact: None		18. CI(s) Affected:DPL	
19. Release Affected by this Change: Release 7		20. Date due to Customer: May 7, 2004		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input checked="" type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) With Release 7, a new Data Pool capability is provided which allows DAACs the option of compressing Data Pool files at insert time, using a compression algorithm chosen and provided by the DAAC. (Reference Ticket DP_S4_07: Support Compression on Data Pool Insert). DAACs need instructions for creating and using compression algorithms for this capability.						
24. Proposed Solution: (use additional sheets if necessary) Document requirements and instructions for DAAC-supplied compression algorithms in an Engineering Technical Directive.						
25. Alternate Solution: (use additional sheets if necessary) DAACs can find some of the information in the Technical Directive in Ticket DP_S4_07: Support Compression on Data Pool Insert).						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) DAACs will not have a single source reference document for compression algorithm creation and usage.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date): Byron V. Peters /s/ 5/6/04			Disposition: <span style="border: 1px solid red; color: red;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

## ADDITIONAL SHEET

**CCR #:** 04-0236      **Rev:** —      **Originator:** Kathleen L. Carr

**Telephone:**      **Office:**

**Title of Change:**

Publish Engineering Technical Directive "Creating and Using Compression Algorithms for Data Pool Insert"

CM01AJA00 Revised 10/2/03

***ECS/EMD***